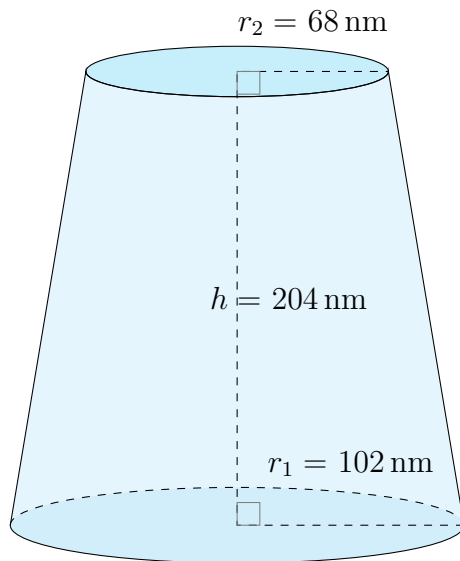


Aire et Volume d'un Tronc de Cône (F)

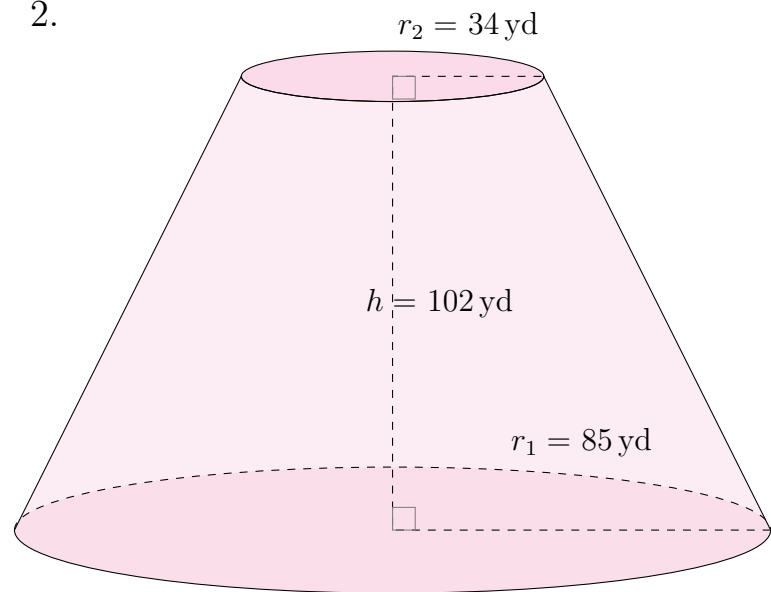
Calculez l'aire et le volume de chaque tronc de cône.

$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

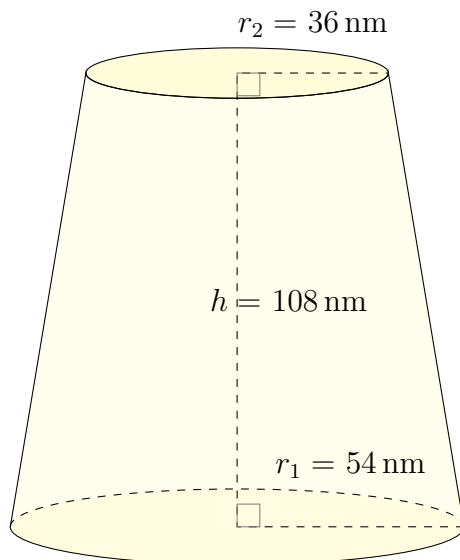
1.



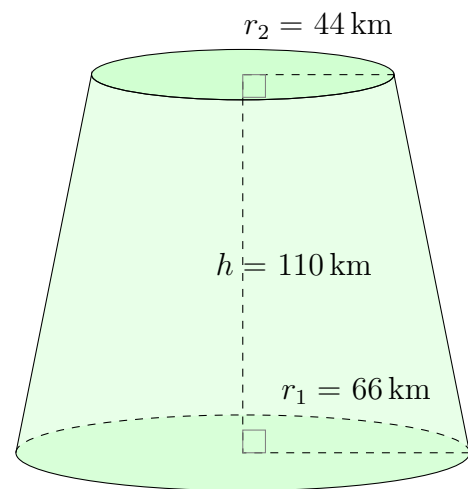
2.



3.



4.

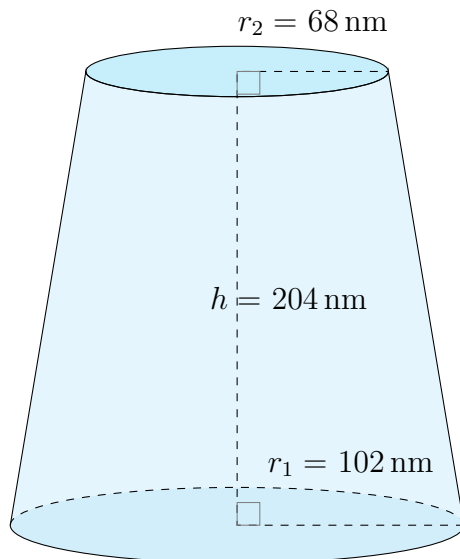


Aire et Volume d'un Tronc de Cône (F) Réponses

Calculez l'aire et le volume de chaque tronc de cône.

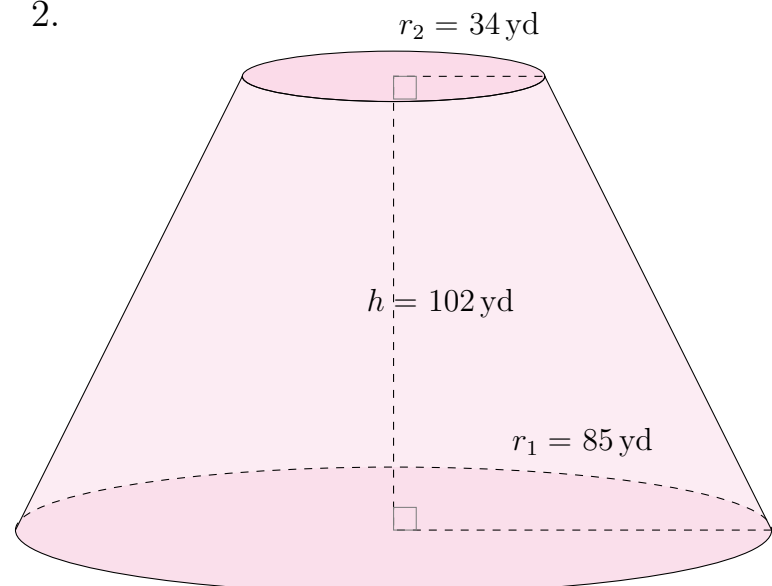
$$\text{Aire} = \pi(r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2 \quad \text{Volume} = \frac{\pi}{3}h(r_1^2 + r_2^2 + r_1 r_2)$$

1.



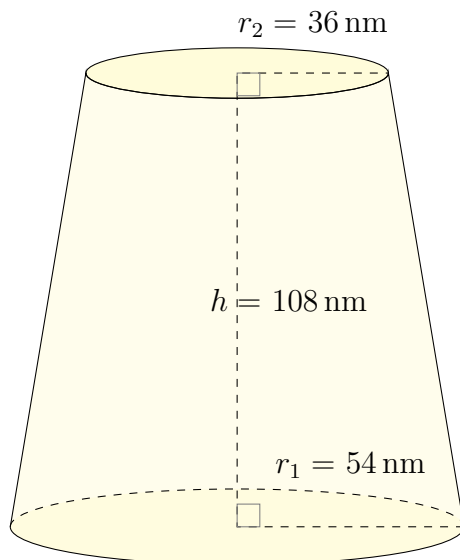
Aire: 157.665 nm^2
Volume: $4.692.132 \text{ nm}^3$

2.



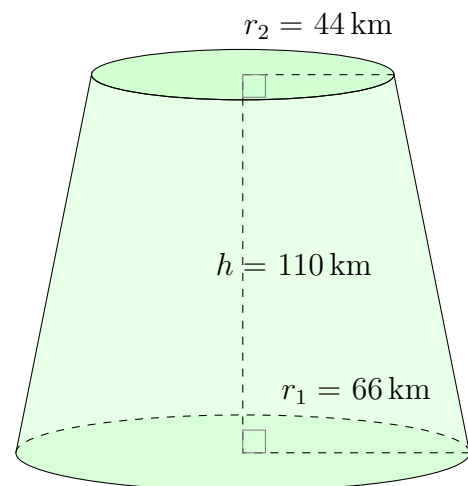
Aire: 68.963 yd^2
Volume: $1.203.902 \text{ yd}^3$

3.



Aire: 44.190 nm^2
Volume: 696.227 nm^3

4.



Aire: 58.533 km^2
Volume: $1.059.303 \text{ km}^3$